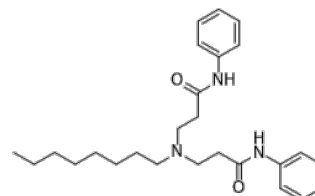


**Product Name** : UCM-1336  
**Cat. No.** : PC-26955  
**CAS No.** : 1621535-90-7  
**Molecular Formula** : C<sub>26</sub>H<sub>37</sub>N<sub>3</sub>O<sub>2</sub>  
**Molecular Weight** : 423.60  
**Target** : Other Targets  
**Solubility** : 10 mM in DMSO



## Biological Activity

UCM-1336 is a potent, selective isoprenylcysteine carboxylmethyltransferase (ICMT) inhibitor with IC<sub>50</sub> of 2 μM.

UCM-1336 is selective against the other enzymes involved in the post-translational modifications of Ras.

UCM-1336 significantly impairs the membrane association of the four Ras isoforms, leading to a decrease of Ras activity and to inhibition of Ras downstream signaling pathways.

UCM-1336 induces cell death in a variety of Ras-mutated tumor cell lines and increases survival in an in vivo model of acute myeloid leukemia.

UCM-1336 impairs the activity of the four Ras isoforms regardless of its activating mutation.

## References

Marín-Ramos NI, et al. J Med Chem. 2019 Jul 11;62(13):6035-6046.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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